

query	LVAFADFG-SVTFTNAEATSGGSTVGP\$DATVMDIEQDG\$VL\$TETSVSGDS-VTV
sequence1	LVAFADFG-SVTFTNAEATSGGSTVGP\$DATVMDIEQDG\$VL\$TETSVSGDS-VTV
sequence2	LVPFANFG-TVTFTGAEATTSSGTVAADATLIDIEQN\$EV\$VL\$T\$VSG\$T-VTV
sequence3	LVQFANFG-TVTFTGASATQN\$EV\$VG\$VTGAQIIDLQQN-SVL\$T\$V\$T\$SSNS-VTV
sequence4	LVNFADFD-TVTFKDCSP\$V\$G-----STIVDI\$RQSLEV\$TEC\$TTG\$TT\$VTC
sequence5	FV\$PFA\$F\$PAVEFTDCS\$TSDGESVSLDDA\$QITQVIINNQDV\$TDCS\$V\$GTT-VSC
sequence6	FV\$PFA\$F\$PAVEFTDCS\$TSDGESVSLDDA\$QITQVIINNQDV\$TDCS\$V\$GTT-VSC
sequence7	FV\$PFA\$F\$PAVEFTDCS\$TSDGESVSLDDA\$QITQVIINNQDV\$TDCS\$V\$GTT-VSC

FIGURE 1

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							2				2
O					2				2		
W						2				2	
N							2				2

FIGURE 2.

FIGURE 2 = 3acT 300000

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							2				2
O						2			6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 3.

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O				8	12	6	3	2	6	0	0
W	10	12	10	7	6	10	4	3	0	4	0
N	9	10	12	8	5	4	8	4	1	0	2
T	6	7	8	12	6	4	4	6	2	0	0
O	4	6	5	6	10	6	4	3	6	0	0
W	3	4	6	4	4	8	6	4	1	4	0
N	2	3	4	6	2	3	6	6	2	0	2
O	0	0	1	2	6	0	1	2	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 4.

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	B	I	G	T	O	W	N	S	O	W	N
B											
I											
G											
B											
R											
O											
W					0	2	3	4	5	6	7
N						2					
T					3						
O						4					
W						5					
N							6				
O							7				
W							8				
N								9			

FIGURE 5.

	B	I	G	T	O	W	N	S	O	W	N
B	16	10	8	7	4	3	2	1	0	0	0
I	12	14	9	8	6	4	3	2	0	0	0
G	10	12	12	9	6	6	4	3	0	0	0
B	10	10	12	10	7	4	6	4	1	0	0
R	10	9	10	12	8	5	4	6	2	0	0
O	12	10	9	8	12	6	3	2	6	0	0
W	10	12	10	7	6	10	4	3	0	4	0
N	9	10	12	8	5	4	8	4	1	0	2
T	6	7	8	12	6	4	4	6	2	0	0
O	4	6	5	6	10	6	4	3	6	0	0
W	3	4	6	4	4	8	6	4	1	4	0
N	2	3	4	6	2	3	6	6	2	0	2
O	0	0	1	2	6	0	1	2	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 6.

2027 CO - 2027 CO

FIGURE 7

BIG-TOWNSOWN---

BIGBROWNTOWNOWN Similarity = 18. Gap = -2. Total Score = 16

F D E F C D = 3 2 C T 3 0 6 0 6 0 0

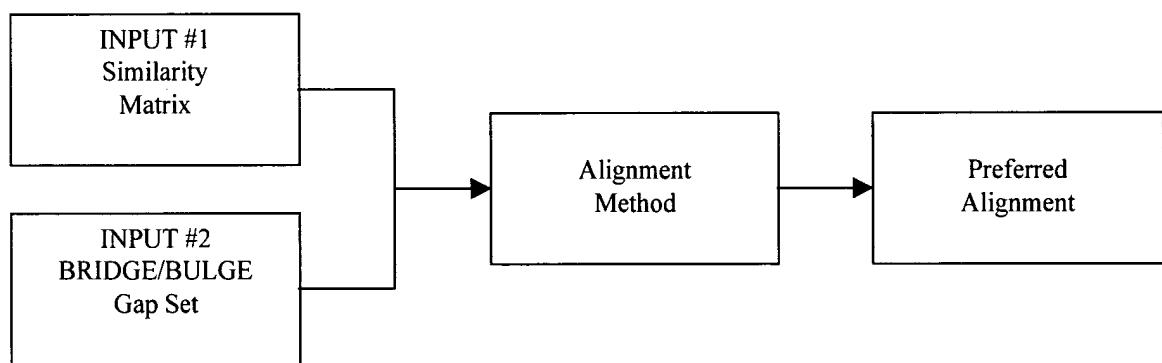


FIGURE 8

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Gap Type	Start Res.	End Res.	# Residues
BULGE	3 (G)	5 (O)	7
BRIDGE	7 (N)	9 (O)	1

FIGURE 9.

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	B	I	G	T	O	W	N	S	O	W	N
B											
I											
G											
B											
R											
O											
W											
N											
T											
O											
W											
N											
O											
W											
N											

FIGURE 10

Express Mail No.
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	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							7	6	1	0	2
O	0	0	0	0	1	6	0	0	1	6	0
W	0	0	0	0	0	0	4	0	0	0	4
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 11.

Digitized by srujanika@gmail.com

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	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			12	7	5	6	3	0	0	0	0
B	7	9	12	9	2	5	6	3	0	0	0
R	8	6	5	12	5	1	5	6	1	0	0
O	11	8	6	5	12	5	1	1	6	0	0
W	8	11	8	3	5	10	3	0	0	4	0
N	6	8	11	8	3	5	8	3	0	0	2
T	6	6	8	11	6	3	5	6	1	0	0
O	3	6	3	6	11	6	3	1	6	0	0
W	1	3	6	3	4	9	6	3	0	4	0
N	0	1	3	6	1	1	7	6	1	0	2
O	0	0	0	1	6	0	0	1	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 12

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	B	I	G	T	O	W	N	S	O	W	N
B											
I											
G											
B				0	3	5	7	9	11	13	15
R				3							
O				5							
W				7							
N				9							
T				11							
O				13	1						
W				15							
N				17							
O				19							
W				21							
N				23							

FIGURE 13

F D E F C D = S A C T S U G G O

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	B	I	G	T	O	W	N	S	O	W	N
B	16	9	5	6	3	0	0	0	0	0	0
I	12	14	7	5	6	3	0	0	0	0	0
G	9	12	12	7	5	6	3	0	0	0	0
B	7	9	12	9	2	5	6	3	0	0	0
R	8	6	5	12	5	1	5	6	1	0	0
O	11	8	6	5	12	5	1	1	6	0	0
W	8	11	8	3	5	10	3	0	0	4	0
N	6	8	11	8	3	5	8	3	0	0	2
T	6	6	8	11	6	3	5	6	1	0	0
O	3	6	3	6	11	6	3	1	6	0	0
W	1	3	6	3	4	9	6	3	0	4	0
N	0	1	3	6	1	1	7	6	1	0	2
O	0	0	0	1	6	0	0	1	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 14.

2022-07-20 = 2022-07-20

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FIGURE 15

BIG-----TOWNSOWN

BIGBROWNT-OWN-OWN Sim. = 18. Gap = -2. Total Score = 16.

FIGURE 15 "BIGBROWNT-OWN-OWN"

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FIGURE 16

2025 RELEASE UNDER E.O. 14176

>P1;1b4k

structureX:1b4k: 10 :A : 335 :A :
YPYTRLRRNRRDDFSRRLVRENVLTVDDLILPVFVLGVNQRESIPSMGVVERLSIDQLLIEAE
EWVALGI PALALFPVT:PVEKKSLDAAEAYNPEGIAQRATRALRERFPELGIITDVALDPFTTH
GQDGILDDDGYVLNDVSIDVLVRQALSHAEAGAQVVAPSDMMGRIGAIREALESAG:HTNVRI
MAYSAKYASAYYGPFRDAVGGSASNLGKGNKTYQMDPANSDEALHEVAADLAEGADMVMVKPGM
PYLDIVRRVK:DEFRAPTFVYQVSGEYAMHMGAIQNGWLAE:SVILESLTAFKragADGILTYF
AKQAAEQLRR*

>P1;SC001

sequence:SC001: 13 : : 340 :
EISSLVLAGGYNHPLLQRWQSERQLTKNMLIFPLFISDNPDDFTIEDSLPNINRIGVNRLKDYLK
PLVAKGLRSVILFGVPLIPGTKDPVGTADDPAGPVIQGIKIREYFPELYIICDVCLCEYTS
GHCGVLYDDGTINRERSVSRЛАAVAVNYAKAGAHCVAPSMDGRIDLKRLINANLAHKTFV
LSYAAKFSGNLYGPFRDAACSA:PSNGDRKYQLPPAGRGLARRALERDMSEGADGIIVKPST
FYLDIMRDASEICKDLPICAYHVSGEYAMLHAAAEGVVDLKTIAFESHQGFLRAGARLIITYL
APEFLDWLDE*

FIGURE 17

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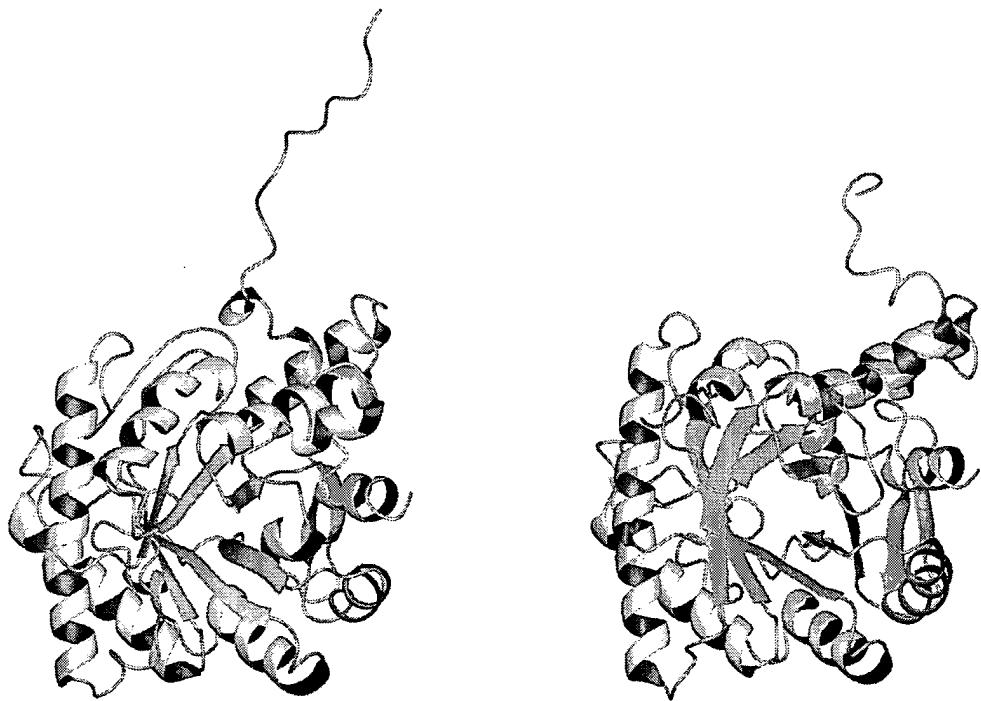


FIGURE 18

FIGURE 18 - SPECTROGRAM

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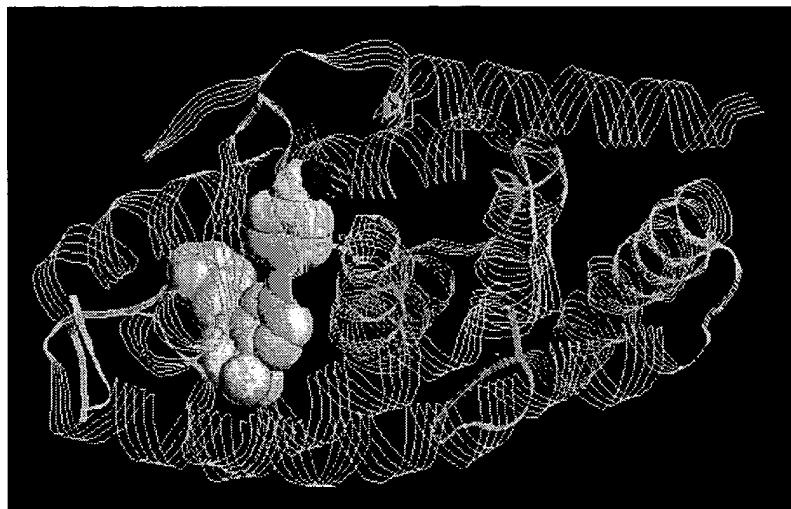


FIGURE 19

0000000000 = 0000000000

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>P1;1a28
structureX: 1a28A : 701 : : 915 : :
AGHDNTKPDTSLLTSLNQLGERQLLSVVKWSKSLPGFRNLHIDDQITLIQYSWMSLMVFGLGWRSYKHVS
GQMLYFAPDLILNEQRMKESSFYSLCLTMW-QIPQEJVKLQVSQEEFLCMKVLLLLNTI-PLEGRLRSQTQFE
EMRSSYIRELIKAIGLRQKGVVSSSQRFYQLTKLLDNLHDLVKQLHLYCLNTFIQSRALSVFPEMMSEVIA
A*
>P1;gi7766906
sequence: gi7766906 : 27 : : 233 :
EANMGLNPSSPNDPVTNICQAADKQLFTLVEWAKRIPHFSELPLDDQVILLRAGWNELLIASASHRSIA--V
KDGILLATGLHVHRNSAHSAGVGAIFDRVLTTELVSKMRDMQMDKTELGCLRAIVLFNPDS--KGLSNPAEVE
ALREKVYASLEAYCKHKYP---EQPGRFAKLLLRLPALRSIGLKCLEHLFF-FKLIGDT--PIDTFLMEMLE
A*

FIGURE 20

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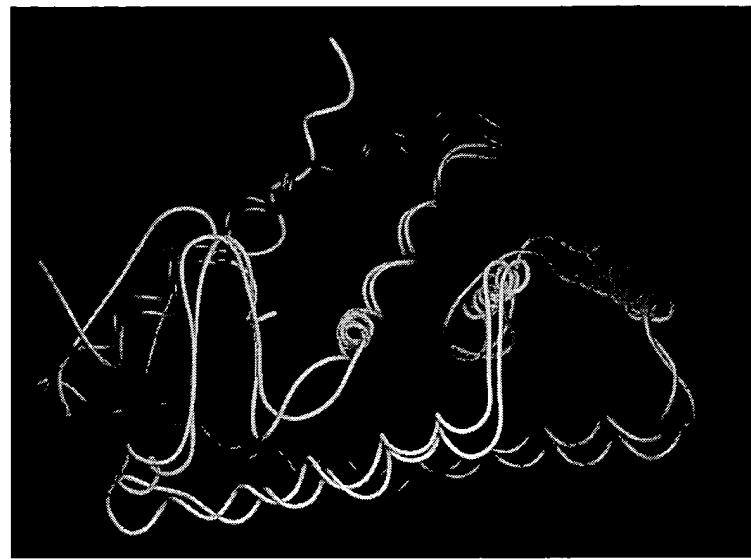


FIGURE 21

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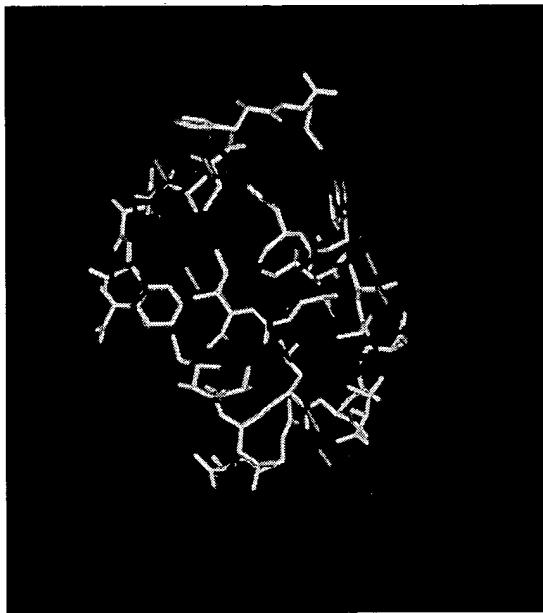


FIGURE 22

FIGURE 22 = 3327460US 265/297 Debe 22 of 38

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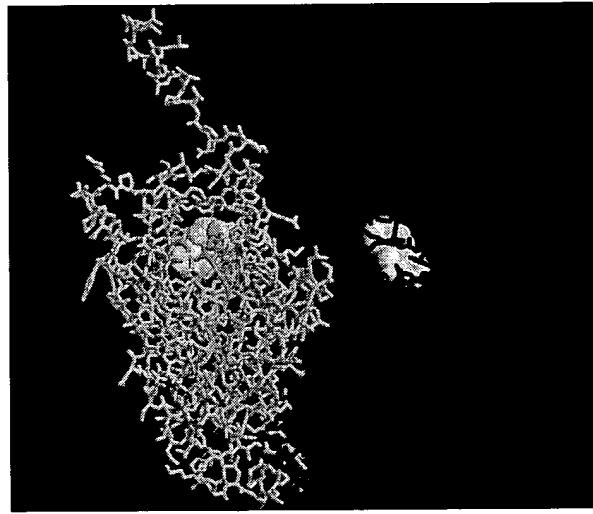


FIGURE 23

பெரும்பால் காணப்படும் பகுதி

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>P1;1a28
structureX: 1a28A : 682 : : 921 : :
QLIPPLINLLMSIEPDVIYAGHDNTKPDTSSSLTSLNQLGERQLLSVVKWSKSLPGFRNLHIDDQITLIQY
SWMSLMVFGLGWRSYKHVGQMLYFAPDLILNEQRMK-E-SFYSLCLTMWQIPQEFVKLQVSQEEFLCMKVL
LLLNL---TIPLEGRL---SQTQFEEMRSSYIRELIKAIQLRQKGVVSSQRFYQLTKLLDNLHDLVKQLHL
YCLNTFIQSRLSVEFPEMMSEVIAAQLPKIL*
sequence: gi3659931 : 14 : : 254 :
LTADQMVSALLDAEPPILYSEYDPTRFSEASMMGLLTNLADRELVHM INWAKRVPGFVDLTLHDQVHLLEC
AWLEILMIGLVWRSMEHP--GKLLFAPNLLDRNQGKCVEGMVEIFDMLLATSSRFRMMNLQGEEFVCLKSI
ILLNSGVYTFLSSTLKSLEEKDHIIHRVLDKITDTLIHLMAGLTLQQQHERLAQLLLILSHIRHMSNKGME
HLYSMKCKN---VVPLYDLLLEMLD-AHR-LH*

FIGURE 24

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FIGURE 25

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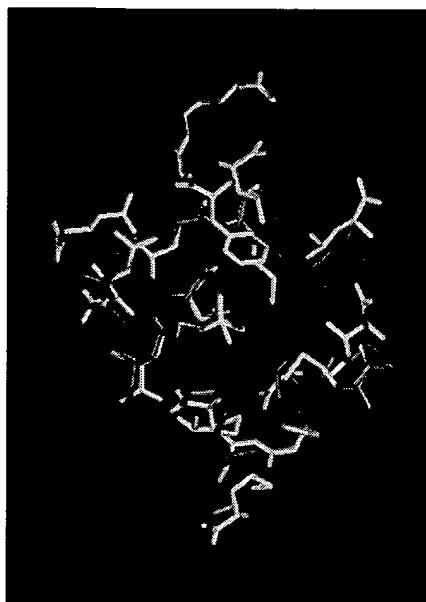


FIGURE 26

F D E T A I L = 3 2 T G C G C C

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>P1;1c3w
structureX: 1c3wA : 5 : : 231 : :
TGRPEWIWLALGTALMGLGTLFLVKGMGVSDPDAKKFYAITTLVPAIAFTMYLSMLLGYGLTMVPFGGE--
QN---PIYW-ARYADWLFTTPLLLALLVDADQGTILALVGADGIMIGTGLVGALTGVY--S--YRFVW
WAISTA-AMLYIILYVLFFGF----SMRPE-VA-STFKVLRNVTVVLWSAYPVVWLIGSEG---AGI---V
PLNIETLLFMVL-DVSAKVGFLILLRSRAIFG*
>P1;1e12A
sequence: 1e12A : 4 : : 236 :
ENALLSSSLWNVALAGIAILVFVYMGRTIRPGRPRLIWGATLMIPLVSISSYLGLLSGLTVGMIEMPAGHA
LAGEMVRSQW-GRYLTWALSTPMILLALGLLADVDLGSLFVIAADIGMCVTGLAAAMTTS---ALLFRWAF
YAISCA-FFVVVLSALTDWAASASSAGT--A--EIFDTLRVLTVVWLGYPIVWAVGV-----EGLALVQ
SVGATSWAYSVL-DVFAKYVFAFILLRWVANNE*

FIGURE 27

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FIGURE 28

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>P1;1f88
structureX: 1f88A : 37 : : 308 : :
FSMLAAYMFLIMLGFPINFLTLYVTQHKKLRT----PLNYILLNLAVALDFMVFGGFTTLYTSLHGYF
VFGPTGCNLEGFFATLGGEIALWSLVLALIERYVVVCKPMNSFRFGENHAIMGVAFTWVMALACAAPPLVGW
SRYIPEGMQCSCGIDYYTPHEETNNESFVIYMFVVHFIPLIVIFFCYGQLVFTV-KEAAASATTQKAKEKEV
TRMVIIMVIAFLICWL PYAGVAFYIFTHQGSDFGP IFMTIPAFFAKTSAVYNPVIYIM*
>P1;1c3wA
sequence: 1c3wA : 2 : : 215 : GRPEWIWLALGTALMGLGTLYFLVKGMGVSDPDAKKFYA-
ITTLVPAIAFTMYLSMLLGYGLTMVP-FGGEQ
--NPI-YWARYADWLFTTPLLLLALLVDA-----D-----QGTILALVGADGIMIGTGLVGAL-----
TKVY-----SY-----RFVWWAISTAAMLYILYVLFFGFSMR--PEV-----ASTFKVL
RNVTVVLWSAYPVVWLIGSEGAGI-----VPLNI--ETLLFMVLDVSAKVGFGILL*

FIGURE 29

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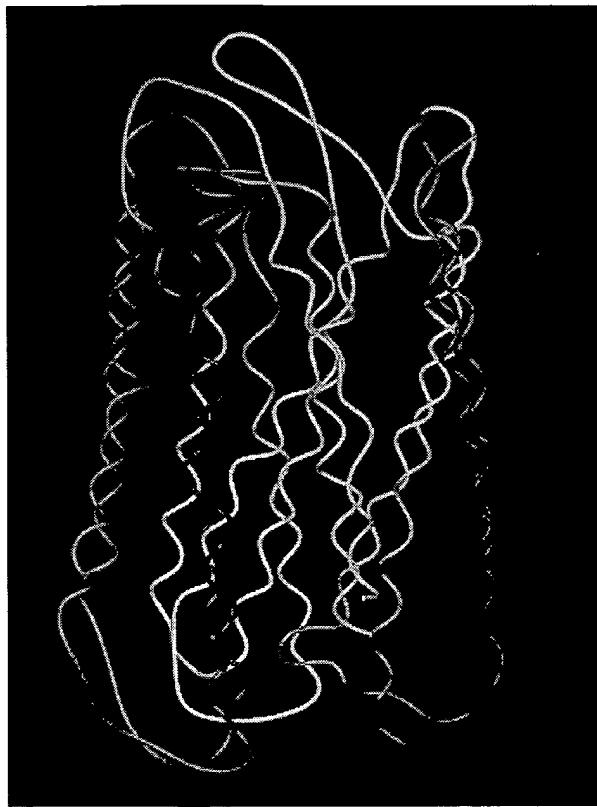


FIGURE 30

```
>P1;6prc
structureX: 6prcL : 14 : : 258 : : GTLIGGDLFDFWVGPYFVGFFGVSAIFFIFLGVSLIGYAASQG-P---
---TW-DPFAISINPPDLKYGLG
A-APLLEGGFWQAITVCALGAFISWMLREVEISRKLIGIGWHVPLAFCVPIMFCVLQVFRPLLLGSWGHAFP
YGILSHLDWVNNFGYQYLNWYHNPGHMSSVSFLFVNAMALGLHGLLILSVANP-GD-----GD-----
-KVKTA-EHENQYFRDVVGYSIGALSIHRLGLFLASNIFLTGAGTIASGPFWTRG*
>P1;6prcM
sequence: 6prcM : 34 : : 292 :
YSYWLKGKIGDAQIGPIYLGASGIAAFAGSTAILIILFNMAAEVHFDPQLQFFR-QFFWLGLYPPKAQYGMG
I-PPLHDGGWWLMAGLFMTLSLGSWIRVYSRARALGLGTHIAWNFAAAIFFVLCIGCIHPTLVGSWSEGVP
FGIWPHIDWLTAFSIRYGNFYCPWHGFSIGFAYGCGLLFAAHGATILAVERFG-----GDREIEQITDRG
T--AV--ERAALFWRWTFIGFNATIESVHRWGWFSLMVMSASVGILLTGTVDNW*
```

FIGURE 31

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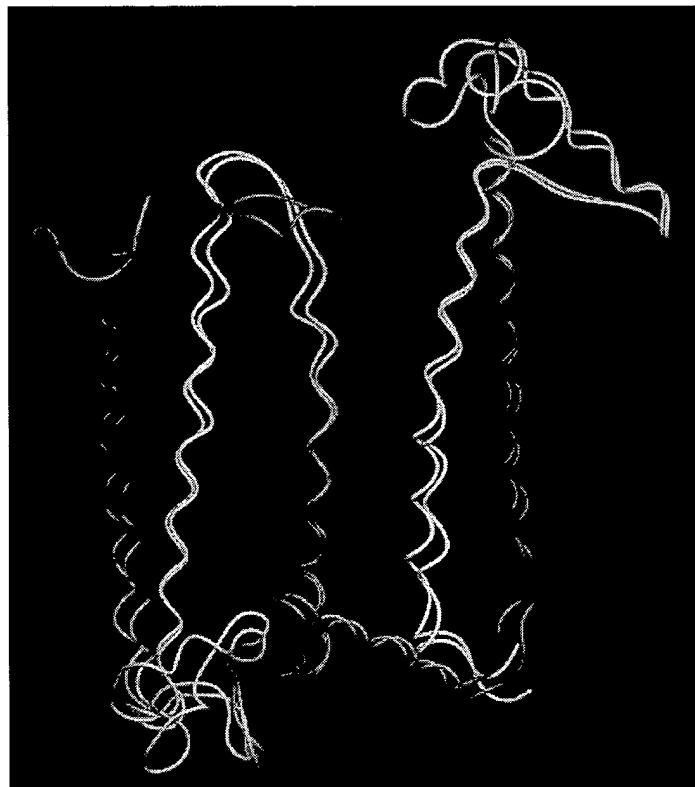


FIGURE 32

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>P1;1qj8
structureX: 1qj8A : 4 : : 148 : :
TVTGGYAQSDAQGQM-NKMGGFNLKYRYEEDNSPLGVIGSFYTYE-K--SRTASSGDYN-KNQYYGITAGPA
YRINDWASIYGVVGVGYGKFQTTEYPTYK-NDTSYGF SYGAGLQFNPMENVALDFSYEQSRIRS-----
--DVGTWIAGVGYRF*
>P1;1bxwA
sequence: 1bxwA : 19 : : 171 :
YHDTGLINNN--GPTHENKLGAGAFGGYQV-NPYVGFEMGYDWL--GRMPYKGSVENGAYKAQGVQLTAKLG
YPI TDDLDIYTRLGGMVWRADTY-SNVYGKNHTGVSPVFA GGVEYAITPEIATRLEYQWTNNIGDAHTIGT
RP-DNGMLSLGVSYRF*

FIGURE 33

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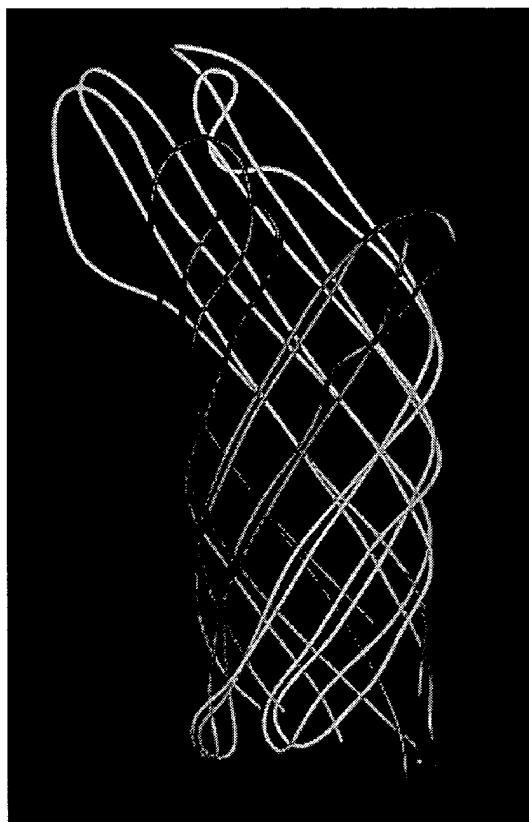


FIGURE 34

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>P1;2por
structureX: 2por : 1 : : 301 :
EVKLSGDARMGVMYNGDD--WNFSSRSRVLFTMSGTTDSGLEFGASFKAHESVG-----AETGEDGTV
FLSG-AFGKIEMGDALGASEALFGD-LYEVGYTDLDDRGNDIPYL-----TGDERLTAEDNPVLLYTY-
SA----GAFSVAASMS--DGKV-----GETSED-----DAQ---EMAVAAAYT-F-G
NY---TVGLGYEKIDSP----DTAL-----MADMEQLEAAIAKFGATNVKAYYADGELDRDFARAV
FDLTPVAAAATAVDHKAYGLSVDSTFGATTGGYVQVLIDITIDDVTYYGLGASYDLGGGASIVGGIADNDL
PNSDMVADLGVKFKF*
>P1;1osmA
sequence: 1osmA : 10 : : 332 :
KLDLYGKIDGLHYFSDDKDDVD-GDQTYMRLGVKGETQINDQLTGYGQWEYNVQ-ANNTESSSDQAWTRLAFA
GLKFGDAGSF DYGRNYGVY-DVTSWTDVLPE-----FGGDTY-----GSDNFLQSRANGVATYRN-
SDFFGLVDGLNLFALQY---QGKNGSVSGEGATNNRGAL---KQN-----GD---GFGTSVTYD-I-F
D---GISAGFAYANS-----KRTDDQNQLLLGEGLDHAETYTGGLKYDANNIYLATQYTQTYNATRAGSL-
-GFANKAQNFVEAAQYQFDGLRPSVAYLQSKGKDLNG-YGDQDILKYVDVGATYYFNKNMSTYVDYKINLL
DDNSFTRSAGISTDD*

FIGURE 35

TOP SECRET - EYES ONLY

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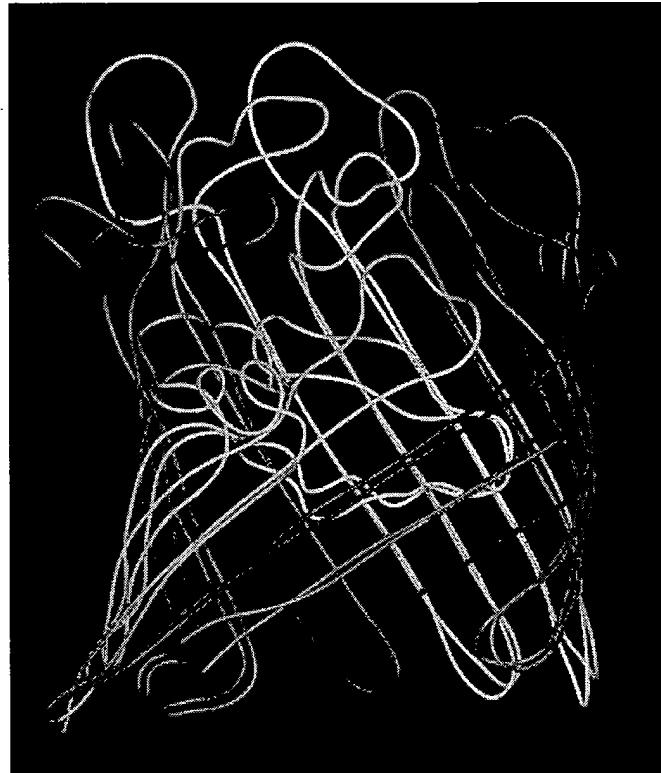


FIGURE 36

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P1;2mpr

structureX: 2mprA : 2 : : 427 : :

DFHGYARSGIGWTGS-----G---GEQQC-----FQA--TGAQSKYRLGNE-----
--CETYAELKLGQEVWKEGDKSFYFDTNVAYSVNQQND--WEST-DPAFREANVQGKNL---IEWLPGSTIW
AGKRFYQRHD---VHMIDFYWDISCPGAGIENIDLGFGLS-LAATRSTEAGGSYTFSSQNIYDEVKDTAN
DVFDVRLAGLQTNPDGVLLELGVDYGRANTTDGYKL-ADGASKDGWMFTAETQSMLKGYNKFVVQYATDAMT
TQGKGQARGSDGSSSFTEKINYANKVINNNG-NMWRILDHGAIISLGDKWDLMYVGMYQNIWDWNLL--GTEW
WTVGVRPMYKWTPISTMSTLEVGVDNVKS-QQ-----TGDRNNQYKITLA-QQ---WQAGDSIWSRPAIRI
FATYAKWDEKWGYIKDGDNISRYAAAT-NSGISTNSRGDSDEWTFGAQMEIWW*

>P1;1a0tP

sequence: 1a0tP : 4 : : 413 :

EFHGYARSGVIMNDSGASTKSGAYITPAGETGG-----AIGRL-----GNQ-----
--ADTYVEMNLEHKQTLDNGATTRFKVMVADGQTSYNDWTASTS-DLNVRQAFVELGNLPTFAGPKGSTLW
AGKRF--DRDNFDIHWIDSDVVFLAGTGGGIYDVWKNDGLRSNFSLYGRNFGDIDDSNSVQNYILTMNHFA
GPLQMMVSGLRAKDNDERKDSNG-NLAKGDAANTGV----HALLGLHNDSFYGLRDGSSKTALLYG-HGLG
AEVKGIGSDGA-----LRPGADTWRIASYGTTPLSENWSVAPAMLAQRSKDRYADGDSYQW
ATFNLRLIQAINQNLFALAYEGSYQYMD--LKPEGYNDRQAVNGSFYKLT--APTFKVGSIGDFFSRPEIRF
YTSWMDWSKKLNNYASDDALGS---DGF-----NSGGEWSFGVQMETWF*

FIGURE 37

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FIGURE 38